

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 01-133551

(43)Date of publication of application : 25.05.1989

(51)Int.Cl.

H02K 23/26

(21)Application number : 62-243577

(71)Applicant : SHICOH ENG CO LTD

(22)Date of filing : 30.09.1987

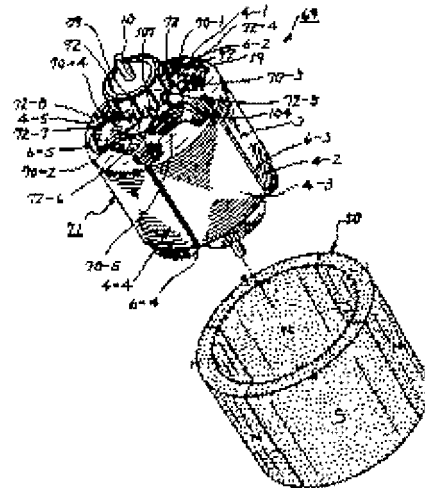
(72)Inventor : SHIRAKI MANABU
HIRANO NORIMITSU

(54) FIVE-PHASE D.C. MOTOR IN WHICH ARMATURE WINDING IS NOT OVERLAPPED

(57)Abstract:

PURPOSE: To increase the number of torque ripples, and to conduct smooth revolution by using a commutator, commutator bars of which are made larger than a five-phase D.C. motor by five and which is composed of ten commutator bars.

CONSTITUTION: A rotor armature core 3 for a five-phase D.C. motor 69 has five salient poles 4-1 ~ 4-5 and five slots 6-1 ~ 6-5 for inserting windings formed by these salient poles. Armature windings 70-1 ~ 70-5 are wound and mounted to the rotor armature core 3, thus constituting a rotor armature 71. A field pole 50 organizing a stator is composed of four magnetic poles. A commutator 72 is constructed of ten commutator bars.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]